

AMENDMENT TO THE SPECIFICATION

Please delete the paragraphs found on page 6, lines 14-17, and replace the same as follows:

Figure 5 is a flow chart of a method according to an embodiment of the present invention;
and

Figure 6 is an illustration of an integrated monitoring system according to an embodiment of the present invention; and

Figure 7 is a flow chart of a method according to an embodiment of the present invention.

Please delete the paragraph found on page 11, line 14 to page 12, line 8, and replace the same as follows:

Referring to Figure 6, the pressure sensor 102 is coupled to a second wireless receiver 601. The second wireless receiver 601 is located in the tire and receives transmissions from a second wireless transmitter 602, e.g., the key fob. Upon receiving the signal, the air pressure is determined and the wireless transmitter 103 transmits a signal to the wireless receiver 104. Further, a second signal processor 603 can be provided, coupled to the second wireless receiver 601, the pressure sensor 102, and the wireless transmitter 103, for decoding/encoding signals.

Referring to Figure 7, a vehicle monitoring method comprises receiving the signal for controlling a vehicle security system at a tire pressure monitor 701. The signal can be generate by a remote keyless entry device 702 or by a controller 703. The method comprises generating a tire pressure signal in response to the signal 704, and receiving the tire pressure signal at a controller 705. An indication of tire pressure is generated 706.